

**Applying Slope, Midpoint, and Length to Analyze Geometry**

**Date:** \_\_\_\_\_

**Median of a Triangle** - a line that joins a vertex of a triangle to the midpoint of the opposite side.

**Altitude of a Triangle** - drawn from a vertex and perpendicular to the opposite side.

**EX:** Triangle ABC has vertices A(-3, 4) B(5, 0) and C (-2, -2).

**A.** Find the equation of the median from C to AB.

**B. Find the equation for the altitude from C to AB.**